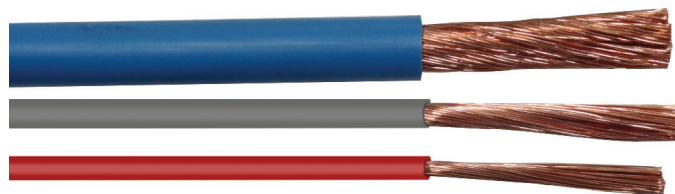


Single Core & Multicore Flexible Cables

SBEE MULTIPLUS SINGLE CORE BARE COPPER (ABC)



TECHNICAL DATA

- AS PER IS 694 Generally Confirms to IEC standards CE certified Specific Insulation Resistance: >20G Ω x cm
- Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IS 8130 Rated Voltage: U₀/U :450/750V and 1100 volts grade
- HV Test Voltage: 4kV Temperature Range: Fixed Installation 30°C to +105°C HRPVC

APPLICATIONS

- Panel Wiring
- Bulding Wiring
- Signal Wiring

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper wire Class V (Class 2 & Class 6 on request)
- PVC Insulation (different varieties of PVC like FR, FRLSH, HFFR, HRRF, HR on request)

PRODUCT FEATURES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. UV retardant available.

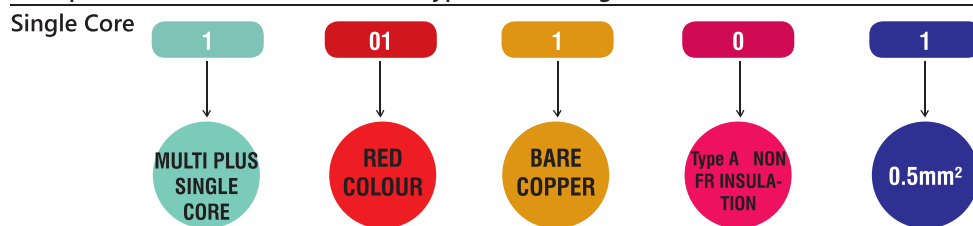
Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
101101	0.50	RED	2.15	4.80
102101	0.50	BLACK	2.15	4.80
103101	0.50	BLUE	2.15	4.80
104101	0.50	BROWN	2.15	4.80
105101	0.50	BEIGE	2.15	4.80
106101	0.50	YELLOW	2.15	4.80
107101	0.50	GREEN/YELLOW	2.15	4.80
108101	0.50	VOILET	2.15	4.80
109101	0.50	PINK	2.15	4.80
110101	0.50	ORANGE	2.15	4.80
111101	0.50	WHITE	2.15	4.80
112101	0.50	GREY	2.15	4.80
101102	0.75	RED	2.30	7.20
102102	0.75	BLACK	2.30	7.20
103102	0.75	BLUE	2.30	7.20
104102	0.75	BROWN	2.30	7.20
105102	0.75	BEIGE	2.30	7.20
106102	0.75	YELLOW	2.30	7.20
107102	0.75	GREEN/YELLOW	2.30	7.20
108102	0.75	VOILET	2.30	7.20
109102	0.75	PINK	2.30	7.20
110102	0.75	ORANGE	2.30	7.20
111102	0.75	WHITE	2.30	7.20
112102	0.75	GREY	2.30	7.20
101103	1.00	RED	2.50	9.60
102103	1.00	BLACK	2.50	9.60
103103	1.00	BLUE	2.50	9.60
104103	1.00	BROWN	2.50	9.60
105103	1.00	BEIGE	2.50	9.60
106103	1.00	YELLOW	2.50	9.60
107103	1.00	GREEN/YELLOW	2.50	9.60
108103	1.00	VOILET	2.50	9.60
109103	1.00	PINK	2.50	9.60
110103	1.00	ORANGE	2.50	9.60
111103	1.00	WHITE	2.50	9.60
112103	1.00	GREY	2.50	9.60
101104	1.50	RED	3.00	14.40
102104	1.50	BLACK	3.00	14.40
103104	1.50	BLUE	3.00	14.40
104104	1.50	BROWN	3.00	14.40
105104	1.50	BEIGE	3.00	14.40
106104	1.50	YELLOW	3.00	14.40
107104	1.50	GREEN/YELLOW	3.00	14.40
108104	1.50	VOILET	3.00	14.40
109104	1.50	PINK	3.00	14.40
110104	1.50	ORANGE	3.00	14.40
111104	1.50	WHITE	3.00	14.40
112104	1.50	GREY	3.00	14.40
101105	2.50	RED	3.70	24.00
102105	2.50	BLACK	3.70	24.00
103105	2.50	BLUE	3.70	24.00
104105	2.50	BROWN	3.70	24.00
105105	2.50	BEIGE	3.70	24.00
106105	2.50	YELLOW	3.70	24.00
107105	2.50	GREEN/YELLOW	3.70	24.00
108105	2.50	VOILET	3.70	24.00

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
109105	2.50	PINK	3.70	24.00
110105	2.50	ORANGE	3.70	24.00
111105	2.50	WHITE	3.70	24.00
112105	2.50	GREY	3.70	24.00
101106	4.00	RED	4.30	38.40
102106	4.00	BLACK	4.30	38.40
103106	4.00	BLUE	4.30	38.40
104106	4.00	BROWN	4.30	38.40
105106	4.00	BEIGE	4.30	38.40
106106	4.00	YELLOW	4.30	38.40
107106	4.00	GREEN/YELLOW	4.30	38.40
108106	4.00	VOILET	4.30	38.40
109106	4.00	PINK	4.30	38.40
110106	4.00	ORANGE	4.30	38.40
111106	4.00	WHITE	4.30	38.40
112106	4.00	GREY	4.30	38.40
101107	6.00	RED	4.90	58.00
102107	6.00	BLACK	4.90	58.00
103107	6.00	BLUE	4.90	58.00
104107	6.00	BROWN	4.90	58.00
105107	6.00	BEIGE	4.90	58.00
106107	6.00	YELLOW	4.90	58.00
107107	6.00	GREEN/YELLOW	4.90	58.00
108107	6.00	VOILET	4.90	58.00
109107	6.00	PINK	4.90	58.00
110107	6.00	ORANGE	4.90	58.00
111107	6.00	WHITE	4.90	58.00
112107	6.00	GREY	4.90	58.00
101108	10.00	RED	6.50	96.00
102108	10.00	BLACK	6.50	96.00
103108	10.00	BLUE	6.50	96.00
104108	10.00	BROWN	6.50	96.00
105108	10.00	BEIGE	6.50	96.00
106108	10.00	YELLOW	6.50	96.00
107108	10.00	GREEN/YELLOW	6.50	96.00
108108	10.00	VOILET	6.50	96.00
109108	10.00	PINK	6.50	96.00
110108	10.00	ORANGE	6.50	96.00
111108	10.00	WHITE	6.50	96.00
112108	10.00	GREY	6.50	96.00
101109	16.00	RED	8.00	153.60
102109	16.00	BLACK	8.00	153.60
103109	16.00	BLUE	8.00	153.60
104109	16.00	BROWN	8.00	153.60
105109	16.00	BEIGE	8.00	153.60
106109	16.00	YELLOW	8.00	153.60
107109	16.00	GREEN/YELLOW	8.00	153.60
108109	16.00	VOILET	8.00	153.60
109109	16.00	PINK	8.00	153.60
110109	16.00	ORANGE	8.00	153.60
111109	16.00	WHITE	8.00	153.60
112109	16.00	GREY	8.00	153.60
1011010	25.00	RED	9.80	240.00
1021010	25.00	BLACK	9.80	240.00
1031010	25.00	BLUE	9.80	240.00
1041010	25.00	BROWN	9.80	240.00

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
1051010	25.00	BEIGE	9.80	240.00
1061010	25.00	YELLOW	9.80	240.00
1071010	25.00	GREEN/YELLOW	9.80	240.00
1081010	25.00	VOILET	9.80	240.00
1091010	25.00	PINK	9.80	240.00
1101010	25.00	ORANGE	9.80	240.00
1111010	25.00	WHITE	9.80	240.00
1121010	25.00	GREY	9.80	240.00
1011011	35.00	RED	11.00	336.00
1021011	35.00	BLACK	11.00	336.00
1031011	35.00	BLUE	11.00	336.00
1041011	35.00	BROWN	11.00	336.00
1051011	35.00	BEIGE	11.00	336.00
1061011	35.00	YELLOW	11.00	336.00
1071011	35.00	GREEN/YELLOW	11.00	336.00
1081011	35.00	VOILET	11.00	336.00
1091011	35.00	PINK	11.00	336.00
1101011	35.00	ORANGE	11.00	336.00
1111011	35.00	WHITE	11.00	336.00
1121011	35.00	GREY	11.00	336.00
1011012	50.00	RED	13.00	480.00
1021012	50.00	BLACK	13.00	480.00
1031012	50.00	BLUE	13.00	480.00
1041012	50.00	BROWN	13.00	480.00
1051012	50.00	BEIGE	13.00	480.00
1061012	50.00	YELLOW	13.00	480.00
1071012	50.00	GREEN/YELLOW	13.00	480.00
1081012	50.00	VOILET	13.00	480.00
1091012	50.00	PINK	13.00	480.00
1101012	50.00	ORANGE	13.00	480.00
1111012	50.00	WHITE	13.00	480.00
1121012	50.00	GREY	13.00	480.00
1011013	70.00	RED	15.50	672.00
1021013	70.00	BLACK	15.50	672.00
1031013	70.00	BLUE	15.50	672.00
1041013	70.00	BROWN	15.50	672.00
1051013	70.00	BEIGE	15.50	672.00
1061013	70.00	YELLOW	15.50	672.00
1071013	70.00	GREEN/YELLOW	15.50	672.00
1081013	70.00	VOILET	15.50	672.00
1091013	70.00	PINK	15.50	672.00
1101013	70.00	ORANGE	15.50	672.00
1111013	70.00	WHITE	15.50	672.00
1121013	70.00	GREY	15.50	672.00
1011014	95.00	RED	17.00	912.00
1021014	95.00	BLACK	17.00	912.00
1031014	95.00	BLUE	17.00	912.00
1041014	95.00	BROWN	17.00	912.00
1051014	95.00	BEIGE	17.00	912.00
1061014	95.00	YELLOW	17.00	912.00
1071014	95.00	GREEN/YELLOW	17.00	912.00
1081014	95.00	VOILET	17.00	912.00
1091014	95.00	PINK	17.00	912.00
1101014	95.00	ORANGE	17.00	912.00
1111014	95.00	WHITE	17.00	912.00
1121014	95.00	GREY	17.00	912.00
1011015	120.00	RED	19.70	1152.00
1021015	120.00	BLACK	19.70	1152.00

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
1031015	120.00	BLUE	19.70	1152.00
1041015	120.00	BROWN	19.70	1152.00
1051015	120.00	BEIGE	19.70	1152.00
1061015	120.00	YELLOW	19.70	1152.00
1071015	120.00	GREEN/YELLOW	19.70	1152.00
1081015	120.00	VOILET	19.70	1152.00
1091015	120.00	PINK	19.70	1152.00
1101015	120.00	ORANGE	19.70	1152.00
1111015	120.00	WHITE	19.70	1152.00
1121015	120.00	GREY	19.70	1152.00
1011016	150.00	RED	21.30	1440.00
1021016	150.00	BLACK	21.30	1440.00
1031016	150.00	BLUE	21.30	1440.00
1041016	150.00	BROWN	21.30	1440.00
1051016	150.00	BEIGE	21.30	1440.00
1061016	150.00	YELLOW	21.30	1440.00
1071016	150.00	GREEN/YELLOW	21.30	1440.00
1081016	150.00	VOILET	21.30	1440.00
1091016	150.00	PINK	21.30	1440.00
1101016	150.00	ORANGE	21.30	1440.00
1111016	150.00	WHITE	21.30	1440.00
1121016	150.00	GREY	21.30	1440.00
1011017	185.00	RED	23.50	1776.00
1021017	185.00	BLACK	23.50	1776.00
1031017	185.00	BLUE	23.50	1776.00
1041017	185.00	BROWN	23.50	1776.00
1051017	185.00	BEIGE	23.50	1776.00
1061017	185.00	YELLOW	23.50	1776.00
1071017	185.00	GREEN/YELLOW	23.50	1776.00
1081017	185.00	VOILET	23.50	1776.00
1091017	185.00	PINK	23.50	1776.00
1101017	185.00	ORANGE	23.50	1776.00
1111017	185.00	WHITE	23.50	1776.00
1121017	185.00	GREY	23.50	1776.00
1011018	240.00	RED	27.50	2304.00
1021018	240.00	BLACK	27.50	2304.00
1031018	240.00	BLUE	27.50	2304.00
1041018	240.00	BROWN	27.50	2304.00
1051018	240.00	BEIGE	27.50	2304.00
1061018	240.00	YELLOW	27.50	2304.00
1071018	240.00	GREEN/YELLOW	27.50	2304.00
1081018	240.00	VOILET	27.50	2304.00
1091018	240.00	PINK	27.50	2304.00
1101018	240.00	ORANGE	27.50	2304.00
1111018	240.00	WHITE	27.50	2304.00
1121018	240.00	GREY	27.50	2304.00
1011019	300.00	RED	29.50	2871.00
1021019	300.00	BLACK	29.50	2871.00
1031019	300.00	BLUE	29.50	2871.00
1041019	300.00	BROWN	29.50	2871.00
1051019	300.00	BEIGE	29.50	2871.00
1061019	300.00	YELLOW	29.50	2871.00
1071019	300.00	GREEN/YELLOW	29.50	2871.00
1081019	300.00	VOILET	29.50	2871.00
1091019	300.00	PINK	29.50	2871.00
1101019	300.00	ORANGE	29.50	2871.00
1111019	300.00	WHITE	29.50	2871.00
1121019	300.00	GREY	29.50	2871.00

Example to find out Part Number, for Type A PVC Single Core of 0.5mm², CLASS 5, Bare Copper Conductor



Insulation variants: Type A FR, Type A Type D FR, Type D FRLSH, TYPE C, RoHS 70°C, TYPE C F.R.L.S, H.R. H.F.F.R. Ref to table 4.

Copper Class 5 Variants & Cross sections: Electrolytic Grade Oxygen Free Bare Copper or Electrolytic grade Oxygen Free Tinned Copper Refer to table 1.

Copper to class 2 & class 6 construction can also be offered.

Cables of 400mm², 500, 630, 1000 mm² are also available on requirement.

Cross Section from 0.5mm² to 6mm² 90 mtr or 100 mtrs in paper corrugated boxes or PE bags. Cross Section from 0.5mm² to 6mm² 270 mtrs or 500 mtrs in DIN 250 spools. Cross Sections from 10mm² & above in rings or spools depends on order length.

Colour RAL shade. Black-RAL 9005, Blue-RAL 5015, Brown-RAL 8024, Red-RAL 3000, White-RAL 9003, Grey-RAL 7001, Pink-RAL 3015, Beige-RAL 1001, Yellow-RAL 1021, Green-RAL 6018, Orange-RAL2003 & Yellow/Green-RAL 1021/6018 (up to 50mm²). Refer table 3

SBEE MULTIPLUS SINGLE CORE TINNED COPPER (ATC)



TECHNICAL DATA

AS PER IS 694	Generally Confirms to IEC standards	CE certified	Specific Insulation Resistance: >20G Ω x cm
Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IS 8130		Rated Voltage: U ₀ /U :450/750V and 1100 volts grade	
HV Test Voltage: 4kV		Temperature Range: Fixed Installation 30°C to +105°C HRPVC	

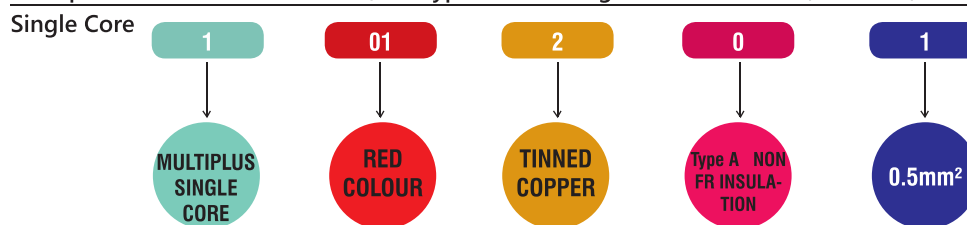
APPLICATIONS	PRODUCT MAKEUP	PRODUCT FEATURES
<ul style="list-style-type: none"> Panel Wiring Bulding Wiring Signal Wiring 	<ul style="list-style-type: none"> Strands of Electrolytic Grade, Oxygen free Bare Copper wire Class V (Class 2 & Class 6 on request) PVC Insulation (different varieties of PVC like FR, FRLS, HFFR, HRFR, HR on request) 	<ul style="list-style-type: none"> Flame retardent as per IEC 60332-1-2 Flamability test as per IS 10810-53

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. UV retardant available.

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
101201	0.50	RED	2.15	4.80
102201	0.50	BLACK	2.15	4.80
103201	0.50	BLUE	2.15	4.80
104201	0.50	BROWN	2.15	4.80
105201	0.50	BEIGE	2.15	4.80
106201	0.50	YELLOW	2.15	4.80
107201	0.50	GREEN/YELLOW	2.15	4.80
108201	0.50	VOILET	2.15	4.80
109201	0.50	PINK	2.15	4.80
110201	0.50	ORANGE	2.15	4.80
111201	0.50	WHITE	2.15	4.80
112201	0.50	GREY	2.15	4.80
101202	0.75	RED	2.30	7.20
102202	0.75	BLACK	2.30	7.20
103202	0.75	BLUE	2.30	7.20
104202	0.75	BROWN	2.30	7.20
105202	0.75	BEIGE	2.30	7.20
106202	0.75	YELLOW	2.30	7.20
107202	0.75	GREEN/YELLOW	2.30	7.20
108202	0.75	VOILET	2.30	7.20
109202	0.75	PINK	2.30	7.20
110202	0.75	ORANGE	2.30	7.20
111202	0.75	WHITE	2.30	7.20
112202	0.75	GREY	2.30	7.20
101203	1.00	RED	2.50	9.60
102203	1.00	BLACK	2.50	9.60
103203	1.00	BLUE	2.50	9.60
104203	1.00	BROWN	2.50	9.60
105203	1.00	BEIGE	2.50	9.60
106203	1.00	YELLOW	2.50	9.60
107203	1.00	GREEN/YELLOW	2.50	9.60
108203	1.00	VOILET	2.50	9.60
109203	1.00	PINK	2.50	9.60
110203	1.00	ORANGE	2.50	9.60
111203	1.00	WHITE	2.50	9.60
112203	1.00	GREY	2.50	9.60
101204	1.50	RED	3.00	14.40
102204	1.50	BLACK	3.00	14.40
103204	1.50	BLUE	3.00	14.40
104204	1.50	BROWN	3.00	14.40
105204	1.50	BEIGE	3.00	14.40
106204	1.50	YELLOW	3.00	14.40

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
107204	1.50	GREEN/YELLOW	3.00	14.40
108204	1.50	VOILET	3.00	14.40
109204	1.50	PINK	3.00	14.40
110204	1.50	ORANGE	3.00	14.40
111204	1.50	WHITE	3.00	14.40
112204	1.50	GREY	3.00	14.40
101205	2.50	RED	3.70	24.00
102205	2.50	BLACK	3.70	24.00
103205	2.50	BLUE	3.70	24.00
104205	2.50	BROWN	3.70	24.00
105205	2.50	BEIGE	3.70	24.00
106205	2.50	YELLOW	3.70	24.00
107205	2.50	GREEN/YELLOW	3.70	24.00
108205	2.50	VOILET	3.70	24.00
109205	2.50	PINK	3.70	24.00
110205	2.50	ORANGE	3.70	24.00
111205	2.50	WHITE	3.70	24.00
112205	2.50	GREY	3.70	24.00
101206	4.00	RED	4.30	38.40
102206	4.00	BLACK	4.30	38.40
103206	4.00	BLUE	4.30	38.40
104206	4.00	BROWN	4.30	38.40
105206	4.00	BEIGE	4.30	38.40
106206	4.00	YELLOW	4.30	38.40
107206	4.00	GREEN/YELLOW	4.30	38.40
108206	4.00	VOILET	4.30	38.40
109206	4.00	PINK	4.30	38.40
110206	4.00	ORANGE	4.30	38.40
111206	4.00	WHITE	4.30	38.40
112206	4.00	GREY	4.30	38.40
101207	6.00	RED	4.90	58.00
102207	6.00	BLACK	4.90	58.00
103207	6.00	BLUE	4.90	58.00
104207	6.00	BROWN	4.90	58.00
105207	6.00	BEIGE	4.90	58.00
106207	6.00	YELLOW	4.90	58.00
107207	6.00	GREEN/YELLOW	4.90	58.00
108207	6.00	VOILET	4.90	58.00
109207	6.00	PINK	4.90	58.00
110207	6.00	ORANGE	4.90	58.00
111207	6.00	WHITE	4.90	58.00
112207	6.00	GREY	4.90	58.00

Example to find out Part Number, for Type A PVC Single Core of 0.5mm², CLASS 5, Bare Copper Conductor



Cross Section from 0.5mm² to 6mm² 90 mtr or 100 mtrs in paper corrugated boxes or PE bags. Cross Section from 0.5mm² to 6mm² 270 mtrs or 500 mtrs in DIN 250 spools. Cross Sections from 10mm² & above in rings or spools depends on order length.

Colour RAL shade. Black-RAL 9005, Blue-RAL 5015, Brown-RAL 8024, Red-RAL 3000, White-RAL 9003, Grey-RAL 7001, Pink-RAL 3015, Beige-RAL 1001, Yellow-RAL 1021, Green-RAL 6018, Orange, -RAL2003 & Yellow/Green-RAL 1021/6018 (up to 50mm²). Refer table 3

SBEE HO5V-K CONTROL CABINET SINGLE CORE WIRE



TECHNICAL DATA

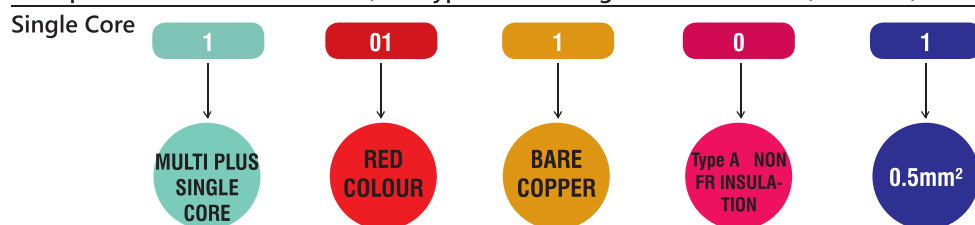
Generally Confirms to VDE standards	CE certified	Specific Insulation Resistance: >20G Ω x cm
Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IEC 60228 class 5		Rated Voltage: U ₀ /U :300/500V
HV Test Voltage: 2kV		Temperature Range: Fixed Installation -30°C to +80°C

APPLICATIONS	PRODUCT MAKEUP	PRODUCT FEATURES
<ul style="list-style-type: none"> • Panel Wiring • Bulding Wiring • Signal Wiring 	<ul style="list-style-type: none"> • Strands of Electrolytic Grade, Oxygen free Bare Copper wire Class V (Class 2 & Class 6 on request) • PVC Insulation (different varieties of PVC like FR, FRLS, HFFR, HRFR, HR on request) 	<ul style="list-style-type: none"> • Flame retardent as per IEC 60332-1-2 • Flamability test as per IS 10810-53

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. * VDE & HAR Certification awaited.

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
101101	0.50	RED	2.10	4.80
102101	0.50	BLACK	2.10	4.80
103101	0.50	BLUE	2.10	4.80
104101	0.50	BROWN	2.10	4.80
105101	0.50	BEIGE	2.10	4.80
106101	0.50	YELLOW	2.10	4.80
107101	0.50	GREEN/YELLOW	2.10	4.80
108101	0.50	VOILET	2.10	4.80
109101	0.50	PINK	2.10	4.80
110101	0.50	ORANGE	2.10	4.80
111101	0.50	WHITE	2.10	4.80
112101	0.50	GREY	2.10	4.80
101102	0.75	RED	2.40	7.20
102102	0.75	BLACK	2.40	7.20
103102	0.75	BLUE	2.40	7.20
104102	0.75	BROWN	2.40	7.20
105102	0.75	BEIGE	2.40	7.20
106102	0.75	YELLOW	2.40	7.20
107102	0.75	GREEN/YELLOW	2.40	7.20
108102	0.75	VOILET	2.40	7.20
109102	0.75	PINK	2.40	7.20
110102	0.75	ORANGE	2.40	7.20
111102	0.75	WHITE	2.40	7.20
112102	0.75	GREY	2.40	7.20
101103	1.00	RED	2.60	9.60
102103	1.00	BLACK	2.60	9.60
103103	1.00	BLUE	2.60	9.60
104103	1.00	BROWN	2.60	9.60
105103	1.00	BEIGE	2.60	9.60
106103	1.00	YELLOW	2.60	9.60
107103	1.00	GREEN/YELLOW	2.60	9.60
108103	1.00	VOILET	2.60	9.60
109103	1.00	PINK	2.60	9.60
110103	1.00	ORANGE	2.60	9.60
111103	1.00	WHITE	2.60	9.60
112103	1.00	GREY	2.60	9.60

Example to find out Part Number, for Type A PVC Single Core of 0.5mm², CLASS 5, Bare Copper Conductor



Cross Section from 0.5mm² to 6mm² 90 mtr or 100 mtrs in paper corrugated boxes or PE bags. Cross Section from 0.5mm² to 6mm² 270 mtrs or 500 mtrs in DIN 250 spools. Cross Sections from 10mm² & above in rings or spools depends on order length.

Colour RAL shade. Black-RAL 9005, Blue-RAL 5015, Brown-RAL 8024, Red-RAL 3000, White-RAL 9003, Grey-RAL 7001, Pink-RAL 3015, Beige-RAL 1001, Yellow-RAL 1021, Green-RAL 6018, Orange,-RAL2003 & Yellow/Green-RAL 1021/6018 (up to 50mm²). Refer table 3

SBEE HO7V-K CONTROL CABINET SINGLE CORE WIRE

SBEE HO7V-K 1.50 sqmm 450/750V CE



TECHNICAL DATA

- Generally Confirms to VDE standards
- CE certified
- Specific Insulation Resistance: >20G Ω x cm
- Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IEC 60228 class 5
- Rated Voltage: U₀/U :450/750V
- HV Test Voltage: 2.5 kV
- Temperature Range: Fixed Installation -30°C to +80°C

APPLICATIONS

- Laying in tubes exposed & buried in plaster & closed in installation ducts
- Direct laying on racks through troughs & tubes

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper wire Class V (Class 2 & Class 6 on request)
- PVC based Core Insulation
- Labelled with coloured stripes (optional)

PRODUCT FEATURES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. * VDE & HAR Certification awaited.

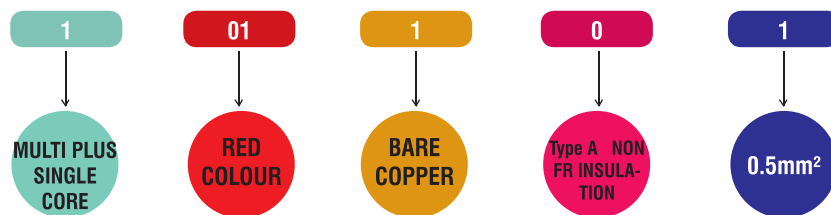
Article Number	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
101204	1.50	RED	3.00	14.40
102204	1.50	BLACK	3.00	14.40
103204	1.50	BLUE	3.00	14.40
104204	1.50	BROWN	3.00	14.40
105204	1.50	BEIGE	3.00	14.40
106204	1.50	YELLOW	3.00	14.40
107204	1.50	GREEN/YELLOW	3.00	14.40
108204	1.50	VOILET	3.00	14.40
109204	1.50	PINK	3.00	14.40
110204	1.50	ORANGE	3.00	14.40
111204	1.50	WHITE	3.00	14.40
112204	1.50	GREY	3.00	14.40
101205	2.50	RED	3.70	24.00
102205	2.50	BLACK	3.70	24.00
103205	2.50	BLUE	3.70	24.00
104205	2.50	BROWN	3.70	24.00
105205	2.50	BEIGE	3.70	24.00
106205	2.50	YELLOW	3.70	24.00
107205	2.50	GREEN/YELLOW	3.70	24.00
108205	2.50	VOILET	3.70	24.00
109205	2.50	PINK	3.70	24.00
110205	2.50	ORANGE	3.70	24.00
111205	2.50	WHITE	3.70	24.00
112205	2.50	GREY	3.70	24.00
101206	4.00	RED	4.30	38.40
102206	4.00	BLACK	4.30	38.40
103206	4.00	BLUE	4.30	38.40
104206	4.00	BROWN	4.30	38.40
105206	4.00	BEIGE	4.30	38.40
106206	4.00	YELLOW	4.30	38.40
107206	4.00	GREEN/YELLOW	4.30	38.40
108206	4.00	VOILET	4.30	38.40
109206	4.00	PINK	4.30	38.40
110206	4.00	ORANGE	4.30	38.40
111206	4.00	WHITE	4.30	38.40
112206	4.00	GREY	4.30	38.40
101207	6.00	RED	4.90	58.00
102207	6.00	BLACK	4.90	58.00
103207	6.00	BLUE	4.90	58.00
104207	6.00	BROWN	4.90	58.00
105207	6.00	BEIGE	4.90	58.00
106207	6.00	YELLOW	4.90	58.00
107207	6.00	GREEN/YELLOW	4.90	58.00
108207	6.00	VOILET	4.90	58.00
109207	6.00	PINK	4.90	58.00
110207	6.00	ORANGE	4.90	58.00
111207	6.00	WHITE	4.90	58.00

Article No.	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
112207	6.00	GREY	4.90	58.00
107109	16.00	GREEN/YELLOW	8.00	153.60
108109	16.00	VOILET	8.00	153.60
109109	16.00	PINK	8.00	153.60
110109	16.00	ORANGE	8.00	153.60
111109	16.00	WHITE	8.00	153.60
112109	16.00	GREY	8.00	153.60
1011010	25.00	RED	9.80	240.00
1021010	25.00	BLACK	9.80	240.00
1031010	25.00	BLUE	9.80	240.00
1041010	25.00	BROWN	9.80	240.00
1051010	25.00	BEIGE	9.80	240.00
1061010	25.00	YELLOW	9.80	240.00
1071010	25.00	GREEN/YELLOW	9.80	240.00
1081010	25.00	VOILET	9.80	240.00
1091010	25.00	PINK	9.80	240.00
1101010	25.00	ORANGE	9.80	240.00
1111010	25.00	WHITE	9.80	240.00
1121010	25.00	GREY	9.80	240.00
1011011	35.00	RED	11.00	336.00
1021011	35.00	BLACK	11.00	336.00
1031011	35.00	BLUE	11.00	336.00
1041011	35.00	BROWN	11.00	336.00
1051011	35.00	BEIGE	11.00	336.00
1061011	35.00	YELLOW	11.00	336.00
1071011	35.00	GREEN/YELLOW	11.00	336.00
1081011	35.00	VOILET	11.00	336.00
1091011	35.00	PINK	11.00	336.00
1101011	35.00	ORANGE	11.00	336.00
1111011	35.00	WHITE	11.00	336.00
1121011	35.00	GREY	11.00	336.00
1011012	50.00	RED	13.00	480.00
1021012	50.00	BLACK	13.00	480.00
1031012	50.00	BLUE	13.00	480.00
1041012	50.00	BROWN	13.00	480.00
1051012	50.00	BEIGE	13.00	480.00
1061012	50.00	YELLOW	13.00	480.00
1071012	50.00	GREEN/YELLOW	13.00	480.00
1081012	50.00	VOILET	13.00	480.00
1091012	50.00	PINK	13.00	480.00
1101012	50.00	ORANGE	13.00	480.00
1111012	50.00	WHITE	13.00	480.00
1121012	50.00	GREY	13.00	480.00
1011013	70.00	RED	15.50	672.00
1021013	70.00	BLACK	15.50	672.00
1031013	70.00	BLUE	15.50	672.00
1041013	70.00	BROWN	15.50	672.00

Article Number	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
1051013	70.00	BEIGE	15.50	672.00
1061013	70.00	YELLOW	15.50	672.00
1071013	70.00	GREEN/YELLOW	15.50	672.00
1081013	70.00	VOILET	15.50	672.00
1091013	70.00	PINK	15.50	672.00
1101013	70.00	ORANGE	15.50	672.00
1111013	70.00	WHITE	15.50	672.00
1121013	70.00	GREY	15.50	672.00
1011014	95.00	RED	17.00	912.00
1021014	95.00	BLACK	17.00	912.00
1031014	95.00	BLUE	17.00	912.00
1041014	95.00	BROWN	17.00	912.00
1051014	95.00	BEIGE	17.00	912.00
1061014	95.00	YELLOW	17.00	912.00
1071014	95.00	GREEN/YELLOW	17.00	912.00
1081014	95.00	VOILET	17.00	912.00
1091014	95.00	PINK	17.00	912.00
1101014	95.00	ORANGE	17.00	912.00
1111014	95.00	WHITE	17.00	912.00
1121014	95.00	GREY	17.00	912.00
1011015	120.00	RED	19.70	1152.00
1021015	120.00	BLACK	19.70	1152.00
1031015	120.00	BLUE	19.70	1152.00
1041015	120.00	BROWN	19.70	1152.00
1051015	120.00	BEIGE	19.70	1152.00
1061015	120.00	YELLOW	19.70	1152.00
1071015	120.00	GREEN/YELLOW	19.70	1152.00
1081015	120.00	VOILET	19.70	1152.00
1091015	120.00	PINK	19.70	1152.00
1101015	120.00	ORANGE	19.70	1152.00
1111015	120.00	WHITE	19.70	1152.00
1121015	120.00	GREY	19.70	1152.00
1011016	150.00	RED	21.30	1440.00
1021016	150.00	BLACK	21.30	1440.00
1031016	150.00	BLUE	21.30	1440.00
1041016	150.00	BROWN	21.30	1440.00
1051016	150.00	BEIGE	21.30	1440.00
1061016	150.00	YELLOW	21.30	1440.00
1071016	150.00	GREEN/YELLOW	21.30	1440.00
1081016	150.00	VOILET	21.30	1440.00

Article Number	Conductor Cross-Section in mm ²	Core Color	Outer Dia in mm approx	Copper index kg/km
1091016	150.00	PINK	21.30	1440.00
1101016	150.00	ORANGE	21.30	1440.00
1111016	150.00	WHITE	21.30	1440.00
1121016	150.00	GREY	21.30	1440.00
1011017	185.00	RED	23.50	1776.00
1021017	185.00	BLACK	23.50	1776.00
1031017	185.00	BLUE	23.50	1776.00
1041017	185.00	BROWN	23.50	1776.00
1051017	185.00	BEIGE	23.50	1776.00
1061017	185.00	YELLOW	23.50	1776.00
1071017	185.00	GREEN/YELLOW	23.50	1776.00
1081017	185.00	VOILET	23.50	1776.00
1091017	185.00	PINK	23.50	1776.00
1101017	185.00	ORANGE	23.50	1776.00
1111017	185.00	WHITE	23.50	1776.00
1121017	185.00	GREY	23.50	1776.00
1011018	240.00	RED	27.50	2304.00
1021018	240.00	BLACK	27.50	2304.00
1031018	240.00	BLUE	27.50	2304.00
1041018	240.00	BROWN	27.50	2304.00
1051018	240.00	BEIGE	27.50	2304.00
1061018	240.00	YELLOW	27.50	2304.00
1071018	240.00	GREEN/YELLOW	27.50	2304.00
1081018	240.00	VOILET	27.50	2304.00
1091018	240.00	PINK	27.50	2304.00
1101018	240.00	ORANGE	27.50	2304.00
1111018	240.00	WHITE	27.50	2304.00
1121018	240.00	GREY	27.50	2304.00
1011019	300.00	RED	29.50	2871.00
1021019	300.00	BLACK	29.50	2871.00
1031019	300.00	BLUE	29.50	2871.00
1041019	300.00	BROWN	29.50	2871.00
1051019	300.00	BEIGE	29.50	2871.00
1061019	300.00	YELLOW	29.50	2871.00
1071019	300.00	GREEN/YELLOW	29.50	2871.00
1081019	300.00	VOILET	29.50	2871.00
1091019	300.00	PINK	29.50	2871.00
1101019	300.00	ORANGE	29.50	2871.00
1111019	300.00	WHITE	29.50	2871.00
1121019	300.00	GREY	29.50	2871.00

Example to find out Part Number, for Type A PVC Single Core of 1.5mm², CLASS 5, Bare Copper Conductor



Cross Section from 0.5mm² to 6mm² 90 mtr or 100 mtrs in paper corrugated boxes or PE bags. Cross Section from 0.5mm² to 6mm² 270 mtrs or 500 mtrs in DIN 250 spools. Cross Sections from 10mm² & above in rings or spools depends on order length.

Colour RAL shade. Black-RAL 9005, Blue-RAL 5015, Brown-RAL 8024, Red-RAL 3000, White-RAL 9003, Grey-RAL 7001, Pink-RAL 3015, Beige-RAL 1001, Yellow-RAL 1021, Green-RAL 6018, Orange,-RAL2003 & Yellow/Green-RAL 1021/6018 (up to 50mm²). Refer table 3

SBEE FLEX CC (COLOUR CODED CORES)



TECHNICAL DATA

BIS Certified	Generally Confirms to IEC standards	CE certified	Core Colours: As per VDE 0293-308,
Specific Insulation Resistance: >20G Ω x cm	Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IS 8130	Temperature Range: Fixed Installation -30°C to +80°C PVC Occasional flexing -5°C +70°C	Rated Voltage: U ₀ /U :450/750V ^ 600/1000 & 1100 volts grade
HV Test Voltage: 2.5 kV .			Minimum Bending Radius: Occasional Flexing 15 x Cable Dia Fixed Application 4 x Cable Dia

APPLICATIONS

- O.E.M, Machine Builders
- Flexible Applications
- Dry or Damp interiors
- Power Air Conditioning installation
- Power Stations

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper wire class V (Class 2 & Class 6 on request)
- Cores are layed up in sequence and in layers
- Outer sheath colour Grey to RAL 7001
- PVC insulation & sheath HFFR optional

PRODUCT FEATURES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53
- Resistant to certain Industrial Oils used in Machine tool Industries
- Organic & Inorganic Chemical Resistance of Certain type

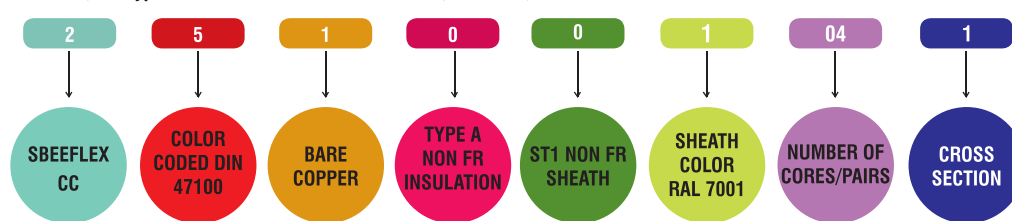
* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. * In-built UV protection.

Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
251001021	2X0.5	7.90	9.60	56.00
251001031	3X0.5	8.20	14.40	68.00
251001041G	4G0.5	8.80	19.20	100.00
251001041	4X0.5	8.80	19.20	100.00
251001051G	5G0.5	9.40	24.00	117.00
251001051	5X0.5	9.40	24.00	117.00
251001071G	7G0.5	10.10	34.00	138.00
251001121G	12G0.5	12.50	58.00	200.00
251001023	2X1	8.60	19.20	98.00
251001033G	3G1	9.00	29.00	112.00
251001033	3X1	9.00	29.00	112.00
251001043G	4G1	9.60	38.40	131.00
251001043	4x1	9.60	38.40	131.00
251001053G	5G1	10.40	48.00	152.00
251001053	5X1	10.40	48.00	152.00
251001073G	7G1	11.10	67.00	196.00
251001123G	12G1	14.00	115.00	286.00
251001024	2X1.5	9.60	29.00	123.00
251001034G	3G1.5	10.10	43.00	144.00
251001034	3X1.5	10.10	43.00	144.00
251001044G	4G1.5	10.80	58.00	170.00
251001044	4x1.5	10.80	58.00	170.00

Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
251001054G	5G1.5	11.70	72.00	199.00
251001054	5X1.5	11.70	72.00	199.00
251001074G	7G1.5	12.60	101.00	261.00
251001124G	12G1.5	16.10	173.00	399.00
251001025	2X2.5	10.80	48.80	147.00
251001035G	3G2.5	11.30	72.00	182.00
251001035	3X2.5	11.30	72.00	182.00
251001045G	4G2.5	12.20	96.00	225.00
251001045	4x2.5	12.20	96.00	225.00
251001055G	5G2.5	13.30	120.00	266.00
251001055	5X2.5	13.30	120.00	266.00
251001075G	7G2.5	14.40	168.00	354.00
251001046G	4G4	13.80	154.00	324.00
251001047G	4G6	15.10	230.00	442.00
251001048G	4G10	18.70	384.00	707.00
251001049G	4G16	21.30	614.00	1100.00
2510010410G	4G25	26.20	960.00	1600.00
2510010411G	4G35	29.10	1344.00	2400.00
2510010412G	4G50	35.60	1920.00	3400.00
2510010413G	4G70	40.70	2688.00	5050.00
2510010414G	4G95	46.80	3648.00	6010.00
2510010415G	4G120	53.50	4608.00	7500.00

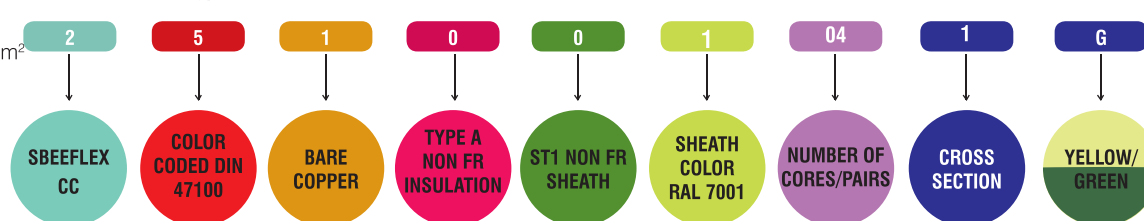
Example to find out Part Number, for Type A & ST1 PVC 4 Core of 0.5mm², CLASS 5, Bare CU

Multi Core
Size 4 x 0.5mm²



Example to find out Part Number, for Type A & ST1 PVC 4 Core of 0.5mm², CLASS 5, Bare CU

Multi Core
Size 4G 0.5mm²



Note:

1. Tinned copper class 2, class 5 or class 6 on request.
2. Packing: 500 mtrs in wooden spools, 100 mtrs in rings upto 50 mm², above 50 mm² in wooden drums.

SBEE FLEX BNC (BLACK NUMBERED CORES)

SBEEFLEX BNC



TECHNICAL DATA

BIS Certified	Generally Confirms to IEC standards	CE certified	Core Colours: As per VDE 0293-308,
Specific Insulation Resistance: >20G Ω x cm	Conductor Bunching: Short lay, Class 5 as per VDE 0295 or IS 8130	Temperature Range: Fixed Installation -30°C to +80°C PVC Occasional flexing -5° C +70°C	Rated Voltage: U ₀ /U :450/750V ^ 600/1000 & 1100 volts grade
HV Test Voltage: 2.5 kV .			Minimum Bending Radius: Occasional Flexing 15 x Cable Dia Fixed Application 4 x Cable Dia

APPLICATIONS

- O.E.M, Machine Builders
- Flexible Applications
- Dry or Damp interiors
- Power Air Conditioning installation
- Power Stations

PRODUCT MAKEUP

- Strands of Electrolytic Grade, Oxygen free Bare Copper wire class V (Class 2 & Class 6 on request)
- Cores are layed up in sequence and in layers
- Outer sheath colour Grey to RAL 7001
- PVC insulation & sheath HFFR optional

PRODUCT FEATURES

- Flame retardent as per IEC 60332-1-2
- Flamability test as per IS 10810-53
- Resistant to certain Industrial Oils used in Machine tool Industries
- Organic & Inorganic Chemical Resistance of Certain type

* Energy efficient product optional and available on request. * Anti-rodent & anti-termite properties optional on request. * In-built UV protection.

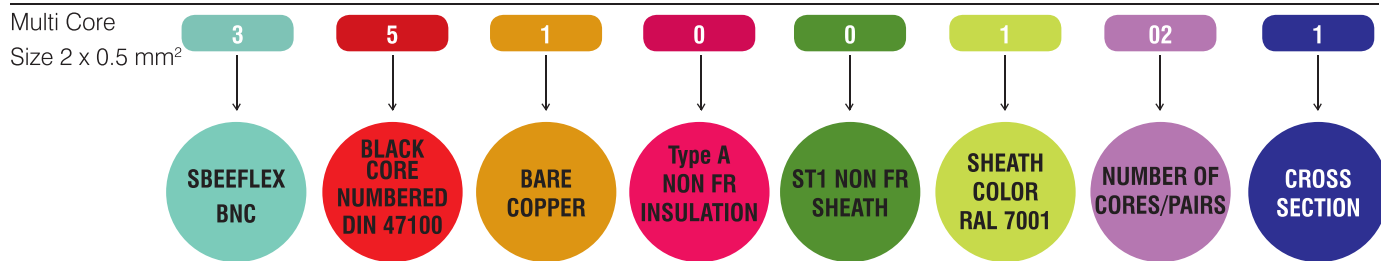
Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
351001021	2X0.5	4.80	9.60	35.00
351001031G	3G0.5	5.10	14.40	42.00
351001031	3X0.5	5.10	14.40	42.00
351001041G	4G0.5	5.70	19.20	54.00
351001041	4X0.5	5.70	19.20	54.00
351001051G	5G0.5	6.20	24.00	63.00
351001051	5X0.5	6.20	24.00	63.00
351001071G	7G0.5	6.70	33.60	81.00
351001071	7X0.5	6.70	33.60	81.00
351001101G	10G0.5	8.60	48.00	116.00
351001121G	12G0.5	8.90	58.00	131.00
351001141G	14G0.5	9.50	67.00	153.00
351001181G	18G0.5	10.50	86.40	188.00
351001211G	21G0.5	11.70	101.00	221.00
351001251G	25G0.5	12.40	120.00	261.00
351001022	2X0.75	5.40	14.40	45.00
351001032G	3G0.75	5.70	21.60	55.00
351001032	3X0.75	5.70	21.60	55.00
351001042G	4G0.75	6.20	28.80	66.00
351001042	4X0.75	6.20	28.80	66.00
351001052G	5G0.75	6.70	36.00	79.00
351001052	5X0.75	6.70	36.00	79.00
351001072G	7G0.75	7.30	50.00	101.00
351001072	7X0.75	7.30	50.00	101.00
351001092G	9G0.75	9.40	65.00	137.00
351001102G	10G0.75	9.60	72.00	150.00
351001122G	12G0.75	9.90	86.00	171.00
351001122	12X0.75	9.90	86.00	171.00
351001152G	15G0.75	10.90	108.00	209.00
351001152	15X0.75	10.90	108.00	209.00
351001162G	16G0.75	11.10	115.20	220.00
351001182G	18G0.75	11.70	130.00	244.00
351001212G	21G0.75	13.00	151.00	286.00
351001252G	25G0.75	13.80	180.00	337.00
351001023	2X1	5.70	19.20	53.00
351001033G	3G1	6.00	28.80	65.00
351001033	3X1	6.00	28.80	65.00
351001043G	4G1	6.50	38.40	79.00
351001043	4x1	6.50	38.40	79.00
351001053G	5G1	7.10	48.00	94.00

Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
351001053	5X1	7.10	48.00	94.00
351001063G	6G1	8.00	58.00	113.00
351001073G	7G1	8.00	67.00	126.00
351001073	7X1	8.00	67.00	126.00
351001083G	8G1	9.50	77.00	149.00
351001093G	9G1	10.00	86.00	164.00
351001103G	10G1	10.20	96.00	180.00
351001123G	12G1	10.50	115.00	205.00
351001123	12X1	10.50	115.00	205.00
351001143G	14G1	11.20	134.00	238.00
351001163G	16G1	11.80	153.60	266.00
351001183G	18G1	12.70	173.00	320.00
351001183	18X1	12.70	173.00	320.00
351001203G	20G1	13.40	192.00	330.00
351001203	20X1	13.40	192.00	330.00
351001253G	25G1	14.70	240.00	408.00
351001024	2X1.5	6.30	29.00	68.00
351001034G	3G1.5	6.70	43.00	84.00
351001034	3X1.5	6.70	43.00	84.00
351001044G	4G1.5	7.20	58.00	104.00
351001044	4x1.5	7.20	58.00	104.00
351001054G	5G1.5	8.10	72.00	128.00
351001054	5X1.5	8.10	72.00	128.00
351001064G	6G1.5	8.40	86.40	157.00
351001074G	7G1.5	8.90	101.00	166.00
351001074	7X1.5	8.90	101.00	166.00
351001084G	8G1.5	10.60	115.00	210.00
351001084	8X1.5	10.60	115.00	210.00
351001094G	9G1.5	11.40	130.00	221.00
351001104G	10G1.5	11.60	143.00	243.00
351001114G	11G1.5	11.60	158.00	258.00
351001124	12G1.5	12.00	173.00	279.00
351001124G	12X1.5	12.00	173.00	279.00
351001144G	14G1.5	12.70	202.00	323.00
351001164G	16G1.5	13.40	230.40	361.00
351001184	18G1.5	14.40	259.00	407.00
351001214	21G1.5	15.70	302.00	469.00
351001254G	25G1.5	16.90	360.00	560.00
351001025	2X2.5	7.50	48.00	101.00
351001035G	3G2.5	8.10	72.00	132.00

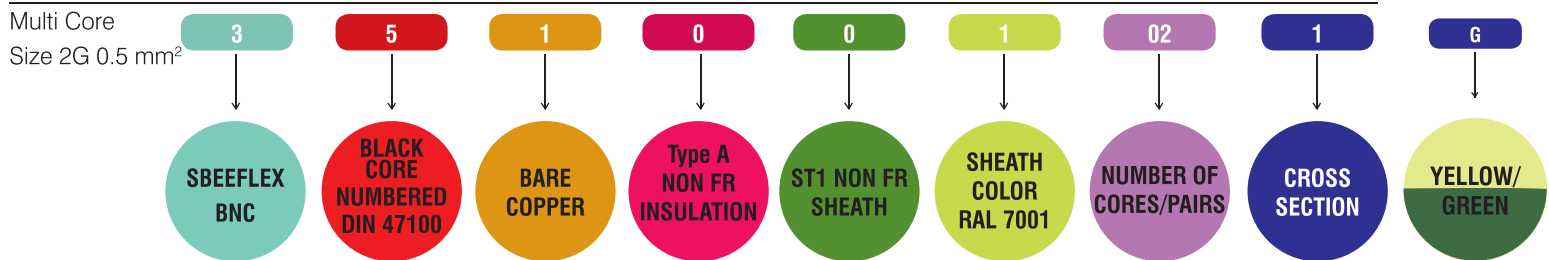
Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
351001035	3X2.5	8.10	72.00	132.00
351001045G	4G2.5	8.90	96.00	163.00
351001045	4x2.5	8.90	96.00	163.00
351001055G	5G2.5	10.00	120.00	200.00
351001055	5X2.5	10.00	120.00	200.00
351001075G	7G2.5	11.10	168.00	267.00
351001125G	12G2.5	14.80	288.00	445.00
351001145G	14G2.5	15.80	336.00	515
351001185G	18G2.5	17.80	432.00	648
351001255G	25G2.5	20.80	600.00	890
351001036G	3G4	9.90	115.00	201
351001046G	4G4	10.80	154.00	249
351001056G	5G4	12.10	192.00	294
351001076G	7G4	13.40	269.00	407
351001116G	11G4	17.60	422.00	634
351001126G	12G4	18.10	461.00	660

Article No.	Conductor Cross-Section in mm ²	Outer Diameter in mm approx	Copper index kg/km	Weight kg/ approx
351001037G	3G6	11.70	172.80	289
351001047G	4G6	13.00	230.00	365
351001057G	5G6	14.50	288.00	447
351001077G	7G6	16.00	403.00	600
351001038G	3G10	14.60	288.00	466
351001048G	4G10	16.20	384.00	590
351001058G	5G10	18.10	480.00	722
351001078G	7G10	20.00	672.00	968
351001049G	4G16	18.80	614.00	1087
351001059G	5G16	21.20	768.00	1370
351001079G	7G16	23.40	1075.00	1779
3510010410G	4G25	23.50	960.00	1582
3510010510G	5G25	26.40	1200.00	1998
3510010710G	7G25	29.10	1680.00	2825
3510010411G	4G35	26.40	1344.00	2106
3510010511G	5G35	29.60	1680.00	2635

Example to find out Part Number, Type A & ST1 PVC 2 Core of 0.5mm², CLASS 5, BARE CU



Example to find out Part Number, Type A & ST1 PVC 2 Core of 0.5mm², CLASS 5, BARE CU



Note:

1. Tinned copper class 2, class 5 or class 6 on request.
2. Packing 500mtrs in wooden Spools, or 100mtr Rings